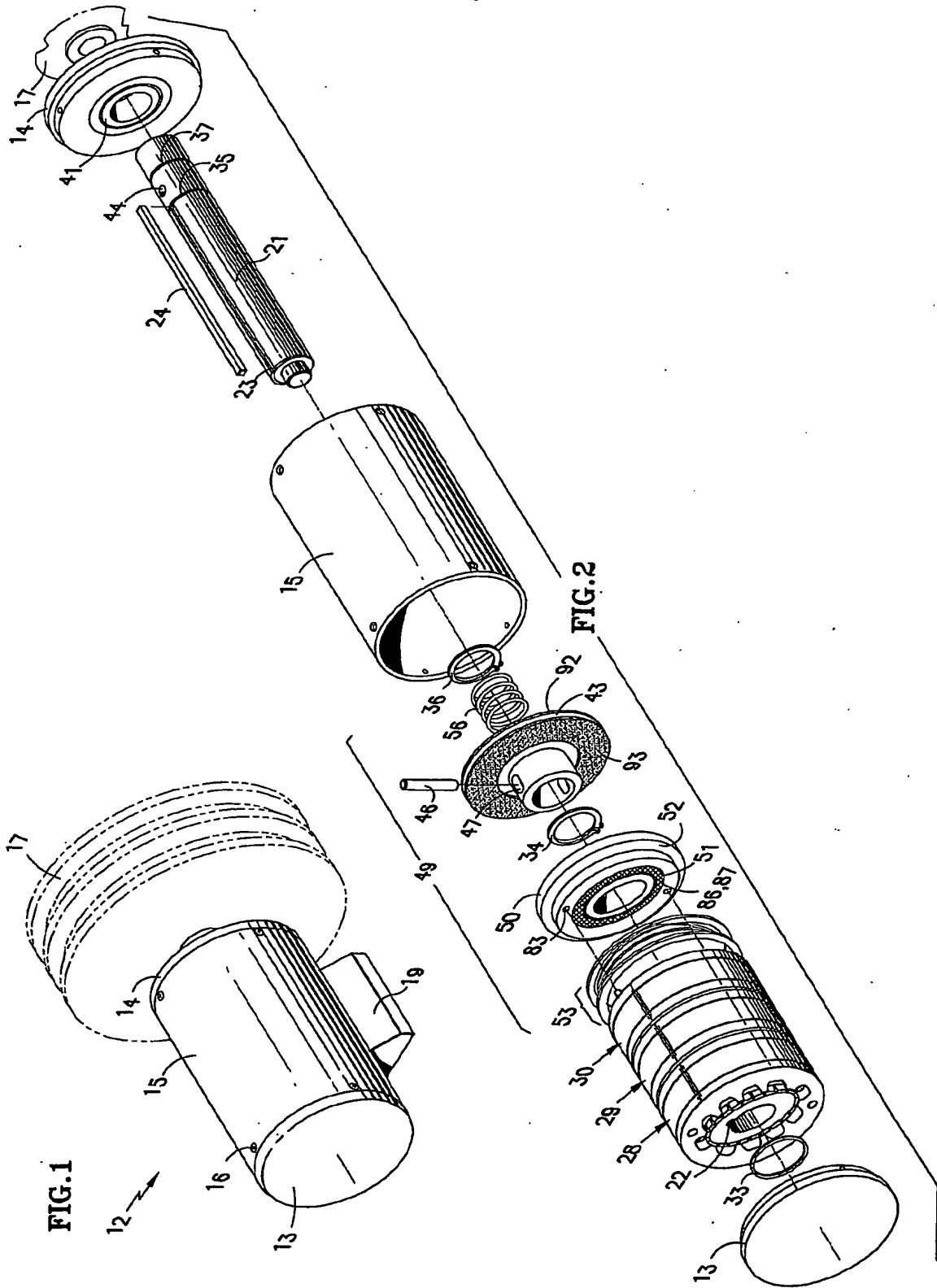
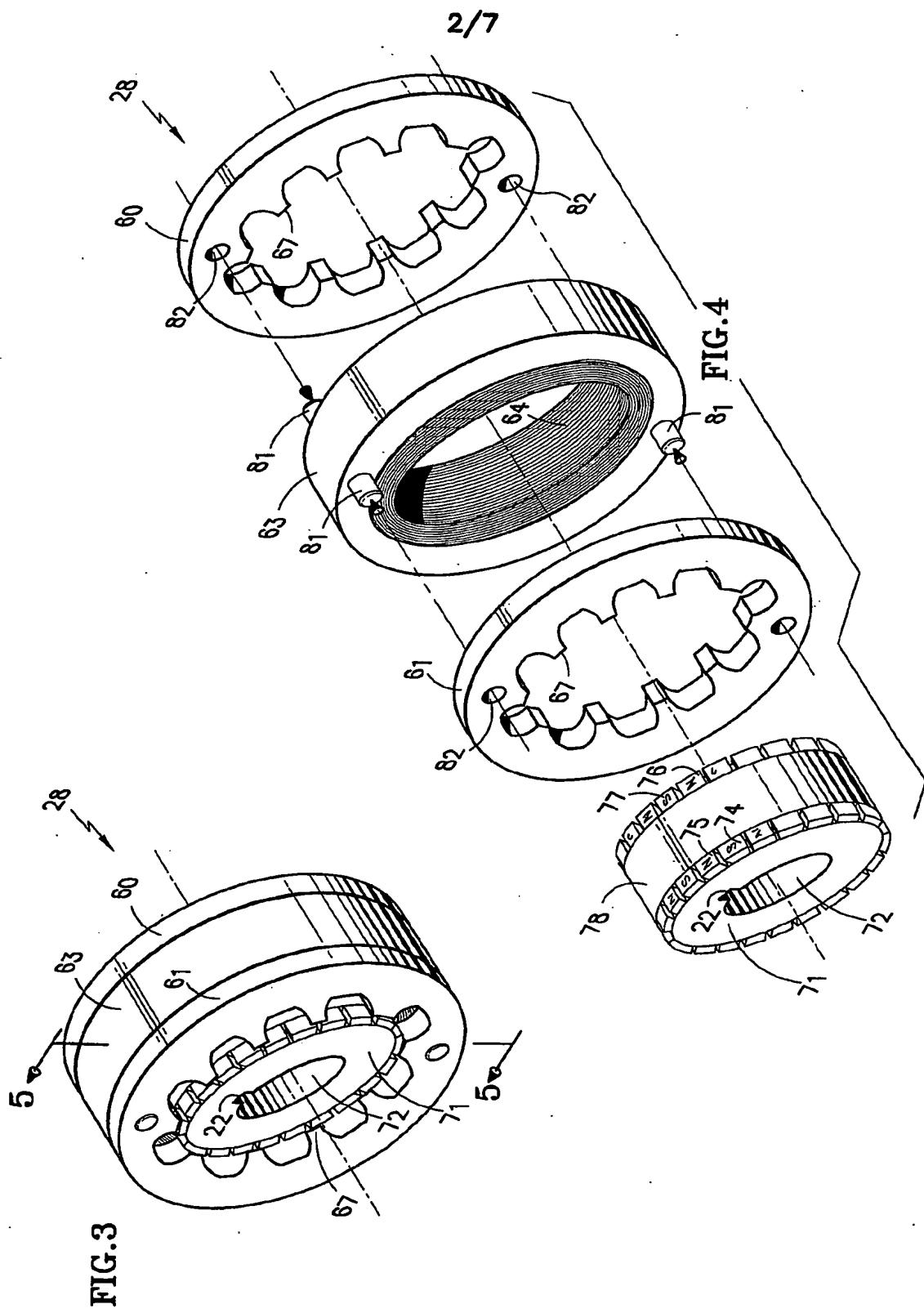


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FIG.6

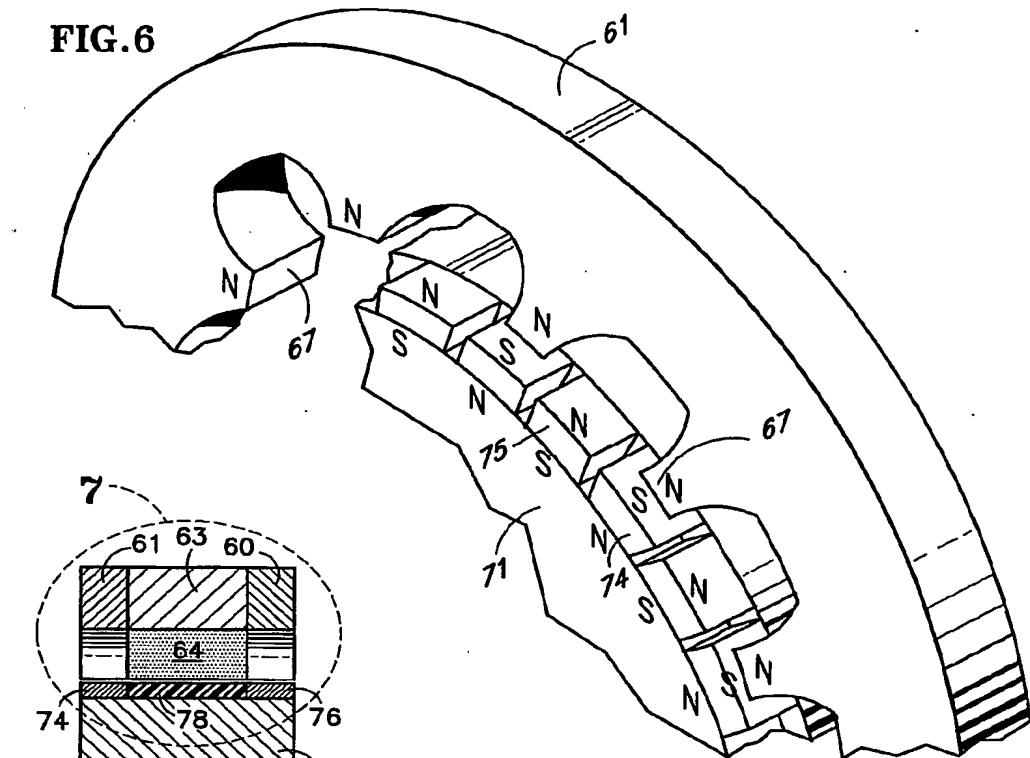


FIG.5

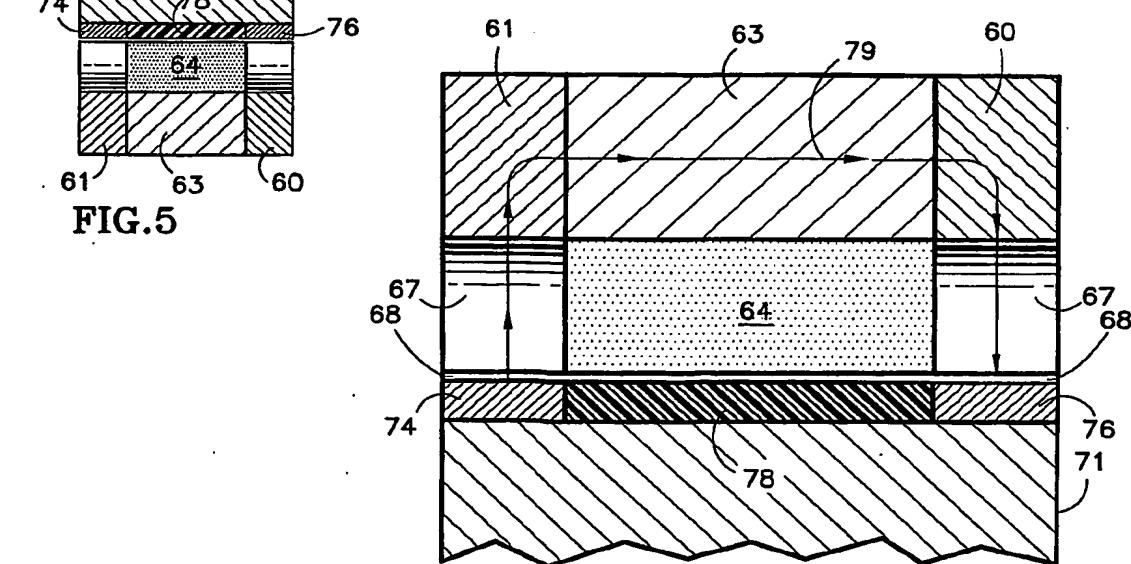


FIG.7

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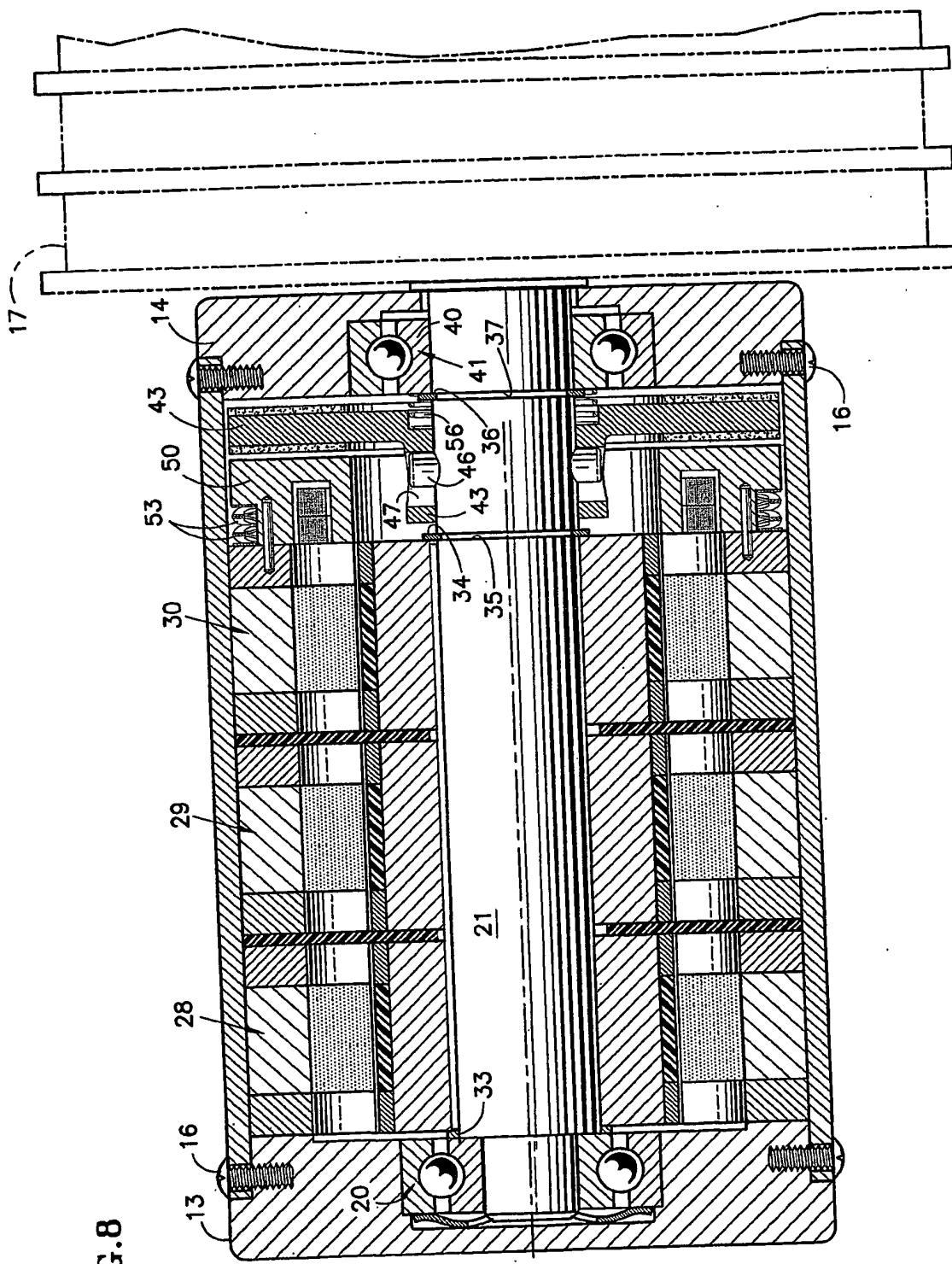
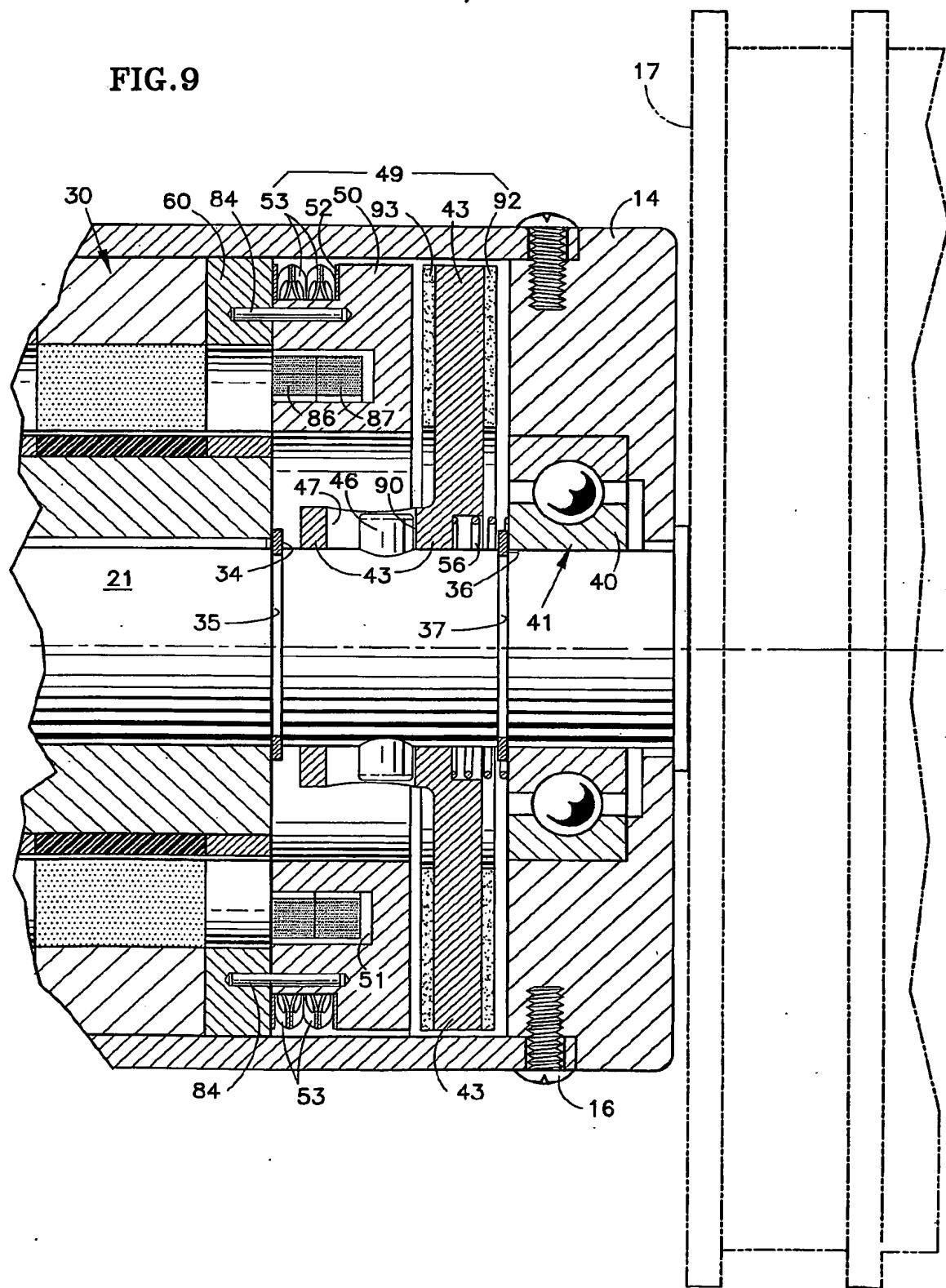


FIG. 8

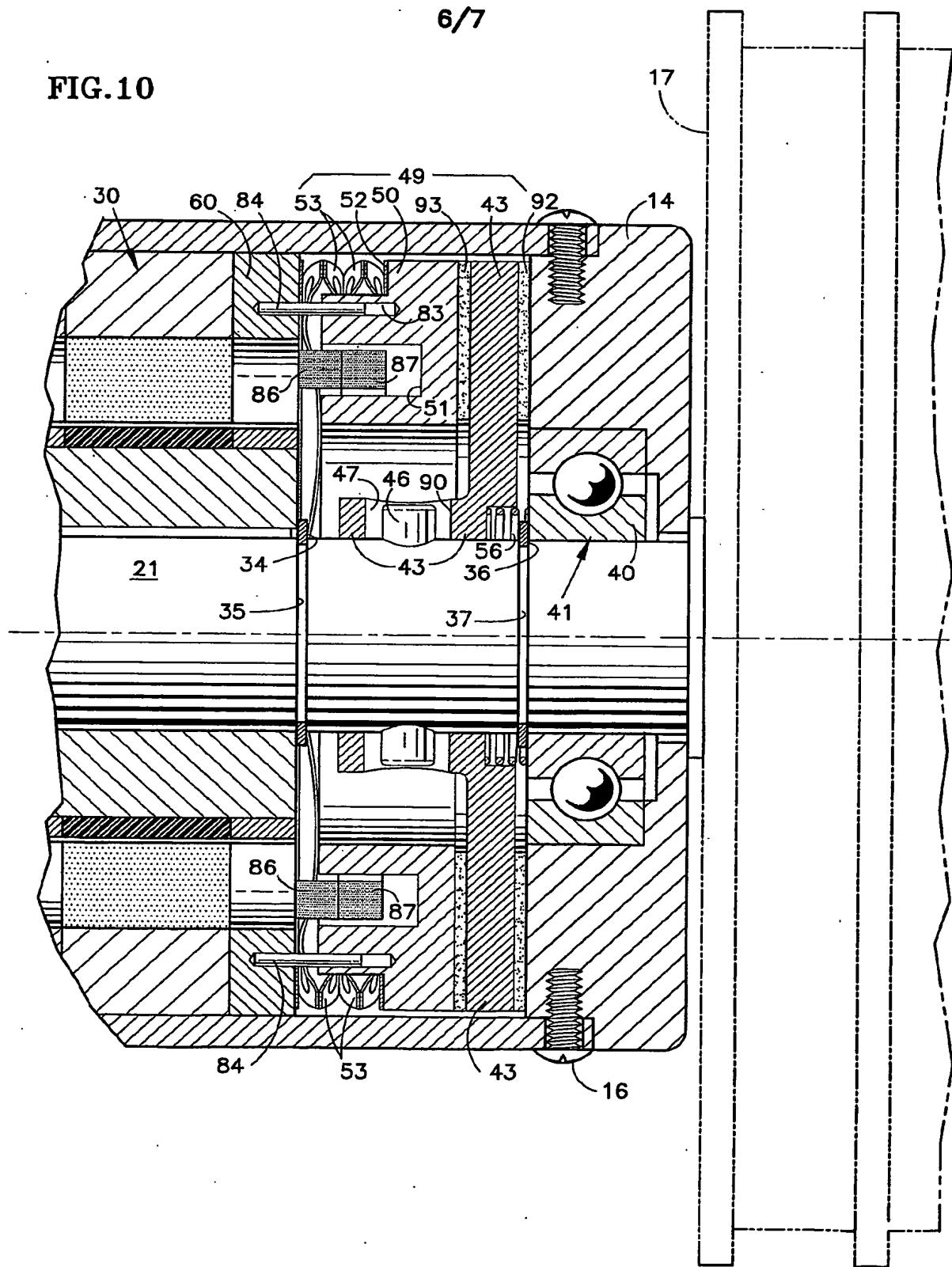
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FIG. 9



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FIG.10



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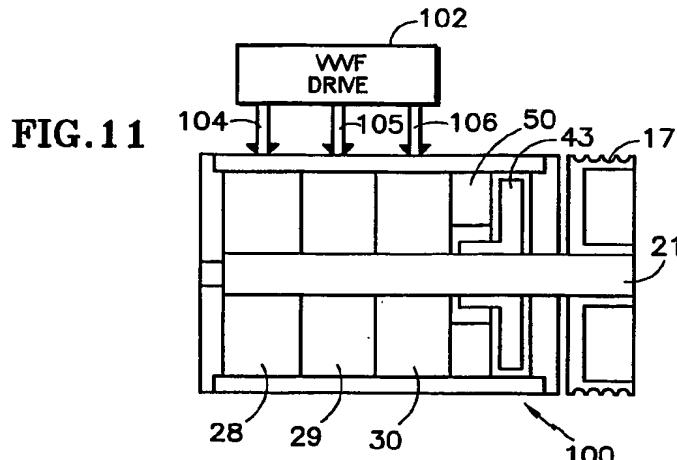


FIG. 11

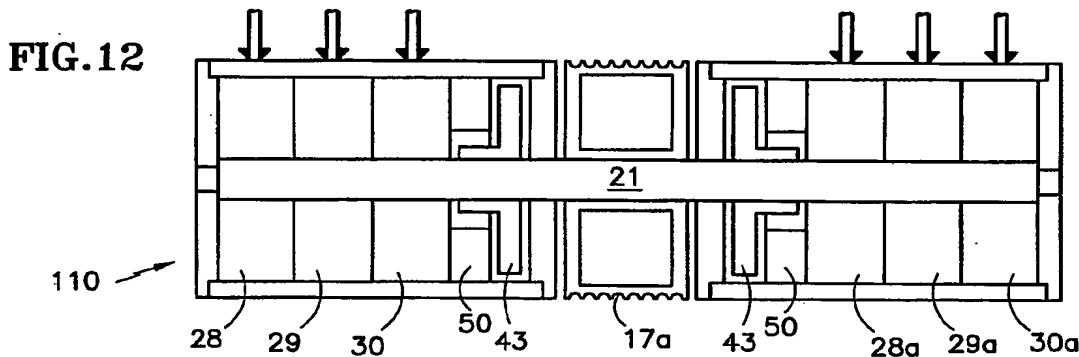


FIG. 12

FIG. 13

|   |
|---|
| SELECT A TORQUE INCREMENT   |
| DESIGN A CYLINDRICAL TFM ROTOR/STATOR MODULE<br>TO PROVIDE TORQUE EQUAL TO SAID INCREMENT   |
| FOR EACH MACHINE TO BE BUILT:   |
| <p>A. SELECT A SHAFT TO MOUNT THE NUMBER, N,<br/>MODULES NEEDED TO REACH, OR EXCEED BY<br/>LESS THAN SAID MACHINE, ANY INTEGRAL<br/>BRAKING APPARATUS, AND THE MEMBER TO<br/>BE DRIVEN</p> <p>B. SELECT A NUMBER OF PHASES, P, OF DRIVE<br/>CURRENT FOR SAID MODULES, WHERE <math>P = NX</math><br/>AND X = A SMALL, WHOLE, POSITIVE INTEGER</p> <p>C. MOUNT SAID DRIVEN MEMBER AND SAID MODULES<br/>ON SAID SHAFT, WITH PROPER MUTUAL ORIENTATION<br/>FOR THE NUMBER OF PHASES, WITH ANY<br/>CORRESPONDING BRAKING APPARATUS, CONTIGUOUSLY,<br/>ON ONE OR MORE SIDES OF SAID DRIVEN MEMBER</p> |

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